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COUNTY BOROUGH OF WEST HARTLEPOOL

A N N U A L R E P O R T



upon the

HEALTH OF WEST HARTLEPOOL

for the year 1946

by

JOHN W. McKEGGIE

M.B., Ch.B., D.P.H.

Medical Officer of Health

School Medical Officer

I N D E X

	<u>Page</u>
Abattoir	43.
Ambulance Facilities	7.
Ante-Natal Scheme	14.
Births & Birth Rate	35, 53.
Cancer Deaths	39, 40.
Clinics and Treatment Centres	11, 12.
Common Lodging Houses	27.
Deaths & Death Rate	33, 36, 37, 38, 39, 53.
Factories Act	54.
Food	44, 45.
Grantully Maternity Home	9.
Health Committee	4, 5.
Health Visitor	15.
Housing	29, 30.
Howbeck Hospital	10, 52.
Home & Domestic Helps	8.
Ice-Cream & Food	32.
Infantile Mortality Rate	40, 41.
Infectious Diseases	46, 47, 48.
Isolation Hospital	33.
Laboratory Work	7.
Legislation in Force	6.
Maternity & Child Welfare	13.
Maternity Insurance	16.
Mental Defectives	9.
Midwives	7, 14, 42.
Milk & Dairies	31.
Nursing in the Home	7.
Poor Law Relief	3.
Premises Controlled by Bye-Laws	26.
Rats and Mice	26.
Sanitary Inspection	27, 28, 29.
Statistics & Social Conditions of the Area	3.
Tuberculosis	20, 21, 22, 23, 24, 49, 50, 51.
Vaccination	34.
Venereal Diseases	16, 17, 18, 19.
Vital Statistics	3.
Water Supply	25.

R E P O R T
of the
MEDICAL OFFICER OF HEALTH
for the year 1946

Public Health Department,
Victoria Road,
West Hartlepool.

October 1947.

To the Mayor, Alderman and Councillors of the
County Borough of West Hartlepool.

I have the honour to submit my seventeenth Annual Report on the health and sanitary circumstances of the County Borough of West Hartlepool.

The year under review showed a marked improvement in health and health statistics over recent years.

The birth rate is higher, the death rate lower. The figure of fifty-four for Infantile Mortality rate is much lower than last year although still about the figure for County Boroughs in England and Wales.

Your Maternity work shows an increase in all branches, the clinics all showing increased attendances and continued popularity.

Scarlet Fever shows a drop and only twenty-four cases of Diphtheria were reported during the period but measles gave a total figure of 627 with one death.

Tuberculosis showed a slight increase but the number of deaths remained similar to last year.

I have incorporated some ward tables where comparisons can be drawn showing relative figures for notifiable diseases, births and deaths.

The slaughter of animals at the Abattoir also shows revealing features, when one observes that only twenty-two pigs were slaughtered compared with the thousands in 1939.

Many new features of interest can be found in these tables but those who are really interested will read further for themselves. As this is not intended as an advertising brochure but is only an official report I will merely content myself by saying that, in view of the times we live in, and the circumstances under which we labour, the figures can be regarded on the whole as satisfactory, that is if a health officer can ever be satisfied.

In conclusion I wish to express my appreciation of the interest taken by members of the Council and would welcome even more, so that a fuller understanding and knowledge of the multitudinous ramifications of a modern Health Department may prevail.


I also tender my thanks to the officers of the Corporation who have helped me in carrying out the work and to my staff for their loyal support during the year.

I am,

Your obedient Servant.

J. W. McKEGGIE.

MEDICAL OFFICER OF HEALTH.



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STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (square miles)	6.98
Population (Census 1931)	68,134
Population (Registrar-General's Estimate 1946.)	...	...	...	...	...	69,170
(The calculations in this Report are based on the latter figures).						
Number of Inhabited Houses on 31st December, 1946						
according to the Rate Books						18,762
Rateable Value (1st April, 1946)	...	...	...	...	...	£402,611
Sum represented by a Penny Rate (31st March, 1946).						£1,525
Birth Rate	...	...	...	...	...	22.77
Death Rate	...	...	...	...	...	12.10
Infantile Mortality Rate.	...	...	...	...	...	54

EXTRACTS FROM VITAL STATISTICS FOR THE YEAR

	<u>Total</u>	<u>Male</u>	<u>Female</u>	
Live births -				
Legitimate	1461	782	679	) Birth Rate per 1,000 of the estimated resident population - 22.77.
Illegitimate	114	55	59	

Stillbirths 55. Rate per 1,000 total population = 0.79

Deaths 837. Death rate per 1,000 of the estimated resident population ... 12.10.

Deaths from puerperal causes -

From sepsis	...	-
From other causes		2
Total		2

Death Rate of Infants under one year of age:-

All Infants per 1,000 live births -

Legitimate 48.8 Illegitimate 5.1 Total 53.9.

Deaths from Cancer	...	...	...	...	116
Deaths from Measles (all ages)	...	...	...	...	1
Deaths from Whooping Cough (all ages)	...	...	...	...	-
Deaths from Diarrhoea (under two years of age)	...	...	...	...	4

HEALTH COMMITTEE1945-46

Councillor Oldfield	(Chairman)
Alderman Bloom	(Vice-Chairman)
Alderman Williams	

Councillor Abigail
 Councillor Mrs Breward
 Councillor Mrs Venables
 Councillor D'Alby
 Councillor Magee
 Councillor Meredith
 Councillor Relton
 Councillor Rodgers

PUBLIC HEALTH OFFICERS OF THE AUTHORITY
PUBLIC HEALTH STAFF

Medical Officer of Health, School Medical Officer, etc.

Dr J.W. McKEGGIE, M.B., Ch.B., D.P.H.

Assistant Medical Officers of Health

JEAN FLOYD FARQUHAR, M.B., Ch.B., D.P.H.

JOHN LISSAUER, M.D.

Died 21.12.46.

J.W. RODGERS, M.B., B.Ch., D.A.O., D.P.H. (Part-time).

T.W. ROBSON, M.B., Ch.B., D.P.H.

Commenced 1.12.46

Consultant Obstetric Surgeons -

Mr HARVEY EVERS (Newcastle-upon-Tyne)

Mr Wm. HUNTER do

Mr E. FARQUHAR MURRAY do.

Mr F. STABLER do.

Consultants, Puerperal Pyrexia Regulations -

A.C. AINSLEY, ..F.R.C.S., L.R.C.P.

Ophthalmia Surgeon (Part-time)

F.S. HUBBERSTY, M.R.C.S., L.R.C.P., F.R.C.S., returned from
Military Service.

R. AJINKYA, M.B. (Bom) F.R.C.S. (Eng) D.O. (Oxon) D.O.M.S (Eng)
resigned - 29. 3. 46.

Aural Specialist.

R.M. MARSHALL, M.B., Ch.B., F.R.C.S.

School Dentists -

A.G. WILDGOOSE, L.D.S.

returned from Military Service.

MISS M.I. MANLEY, L.D.S.

Mr T. JACKSON, L.D.S.

resigned 7.7.46.

Veterinary Surgeon (part-time)

H. HICKS, M.R.C.V.S.

Chief Sanitary Inspector - and Inspector under Food and Drugs Acts -

H.V. ROBINSON, C.R.S.I.

Sanitary Inspectors and Inspectors under Food and Drugs Acts -

J.C. LIGHTFOOT M.R.S.I. Cert. S.I.B.

returned from Military
service 1.7.46.

W. CLEMIE, Cert S.I.B.

J.F. EDWARDS, Cert S.I.B.

returned from Military Service
February 1946.

A.J. BELL, Cert S.I.B.

returned from Military Service
April 1946.

Assistant Sanitary Inspector
W.R. KENT.

resigned 15.1.46.

Student Sanitary Inspectors

E.H. BARNETT

Military Service

W.T. STEVENSON

R.H. GILBERTSON

Commenced 8.8.46.

Health Visitors -

* Miss A.G. Todd (Gen. & Fever Tr., Certified Midwife, H.V.Cert.)

* Miss A.S. Bagshaw. (Gen. Trained, Cert. Midwife, H.V.Cert.)

* Miss E. Peacock { do do do }

* Miss A. Fields { do do do }

* Mrs C.E. Henderson { do do }

* Mrs I. Gallagher (Gen. & Fever Tr., Cert. Midwife, H.V.Cert.)
resigned 31.1.46.

* Miss H.M. Poole (Gen. & Fever Tr., Cert Midwife, H.V. Cert.)

Nurse Almoner -

Mrs S. Lambert (Gen Trained.)

Matron, Grantully Maternity Home -

Miss M. Peirson. (Gen. Trained, Cert. Midwife, Housekeeping Certificate).

Matron, Isolation Hospital -

Mrs A. Jones (General and Fever Trained).

Social Visitor -

i Miss E.W. Humble.

Matron, Victoria Road Nursery -

Mrs A. Sanderson, S.R.N.

School Nurses -

* Miss E. Witten (General Trained, Reg. Sick Children's Nurse)

* Miss O. Mavin, S.R.N., R.S.C.N.

* Miss I.S. Hird, S.R.N., S.C.M. Commenced - 1.1.46.

Clerks -

A. Trenholme.

Miss H.A. Rigby

Resigned 4.10.46.

Miss L. Jarrold

Miss J. Ruddock

Resigned 30.8.46

Mrs C. Palmer

Mrs M. Wilson

Miss J. Halcrow

Miss J. Newton

Military Service

Mrs I. Swanson

Miss M. Mackin

Miss A. Stott

W. Usher

Appointed 17. 6. 46.

Mrs P. I. Ratcliff

Appointed 29. 7. 46.

Miss F. Whitfield

Appointed 4. 1. 46.

Superintendent, Public Abattoir -

W. Grazier

Military Service.

Public Analyst (part-time) -

C.J.H. Stock. B.Sc., F.I.C.

Venereal Disease Attendant -

A. Adamson.

Disinfectors -

T. Hodgson

A. Bower.

Howbeck Hospital.

Senior Medical Officer -

W.A. Nicholson. M.R.C.S., L.R.C.P.

Surgeon -

A.C. Ainsley. F.R.C.S., L.R.C.P.

Resident Medical Officer -

H.M. Marks. M.B., Ch.B.

Commenced 17.9.46.

District Medical Officers under Poor Law Acts -

R.W. Hillis. L.R.C.P.I., & E.M., L.R.C.S.I., & L.M.

G.S. Mather. M.B., Ch.B., D.P.H.

A.R. Muir. M.R.C.S., L.R.C.P.

Municipal Midwives

* Mrs B. Phillips	No. 67935	
* Mrs E. Galloway	No. 93510	
* Mrs M. Brand	No. 98274	Commenced 21.10.46.
* Mrs M.G. Craven	No. 39605	Resigned 28. 8. 46.
* Mrs K.F. Gallimore	No. 90631	
* Mrs O. Kay	No. 67863	
* Mrs A. Myers	No. 74779	
* Mrs W. Pickering	No. 74763	
* Mrs L. R. Walker	No. 104224	
* Mrs J. Turnbull	No. 76151	(Practising under Order made by Ministry of Health Emergency Powers. Defence Act, 1939).
* Mrs E.J. Harrison	No. 107247	
* Miss I.L. Robertson	No. 95014	

* - contributions to salaries from Exchequer Grants.

i - Service appointed between Health and Education Authorities.

Legislation in Force.List of Local Acts, Adoptive Acts, Byelaws and Local Regulations relating to Public Health.Local Acts:-

West Hartlepool Extension and Improvement Act. 1870

West Hartlepool Corporation Act. 1931.

Byelaws and Regulations:-

Byelaws regulating:- Sanitary Conveniences, 1909; Means of Escape in case of Fire, 1914; Offensive Trades, 1917; Public Abattoir, 1917; Employment of Children, 1920 and 1934; Good Rule (Nuisances), 1920; Tents, Vans, Sheds, etc. 1921; Houses-let-in-Lodgings, 1922; Maternity Homes, 1927; Nursing Homes, 1928; Fouling of Footways by Dogs, 1930; Noisy Organs and Musical Instruments, 1931; Slaughter Houses, 1931 and 1935; Removal of House Refuse, 1934; Removal of Offensive Matter, 1934; Litter, 1934; Common Lodging Houses, 1934; Public Abattoir Regulations, 1935.

Adoptive Acts:-

Infectious Disease (Notification) Act, 1889; Infectious Disease (Prevention) Act, 1890; Public Health Acts Amendment Act, 1890; as amended by Public Health Act 1936; Notification of Births Act, 1907; Public Health Acts Amendment Act, 1907, as amended by the Public Health Act, 1936; (with the exception of Sections 17, 21, 30, 31, 32, 80, 84, 85 and 91) Public Health Act, 1925 - Part 2 (except Section 20); Health Resorts and Watering Places Act, 1921.

Laboratory Work, 1946.

<u>Specimens Examined</u>			
Sputum	-	Tuberculosis	Positive 2 Negative 114
Swabs	-	Diphtheria	Positive 20 Negative 354
Smears	-	V.D. Clinic	12
		Doctors' Cases	15
		Hospitals	15
Urines	-		63

Ambulance Facilities

The Corporation maintains an Ambulance Service, comprising four ambulances with adequate staff in a central depot in the town for general and accident cases.

Infectious disease cases are removed by an ambulance kept at the Isolation Hospital.

Nursing in the Home

Arrangements under this heading remained the same as in previous years.

Institutional Treatment for Unmarried Mothers, Illegitimate Children, and Homeless Children.

The Public Assistance Committee maintain a home in Blakelock Road for children.

Other children were admitted to various homes under other authorities.

During the year approximately 89 cases were dealt with.

4 Unmarried mothers were sent to approved institutions to be cared for.

MidwivesMidwives' Act, 1936

During the year the Municipal Midwives Scheme functioned fairly satisfactorily and the following table shows the volume of work carried out.

Cases attended during 1946

	<u>As Midwives</u>	<u>As Maternity Nurses</u>
By Municipal Midwives	521	113
By Private Midwives	32	33
	<hr/>	<hr/>
Totals	553	146
	<hr/>	<hr/>

Some of the Municipal Midwives were engaged periodically in carrying out relief duties at Grantully and Howbeck Hospital during periods of staff shortage.

Home and Domestic Helps

During the year Home and Domestic Helps were engaged in 254 cases - 107 during the confinement of the mother, and 147 during the illness of the mother, or member of the household.

Payment for the Home and Domestic Help service ranged from Nil to 10/- per day (full cost), in accordance with the financial circumstances of the families.

POOR LAW RELIEF.INSTITUTIONAL RELIEF

1. Number of persons admitted to the Public Assistance Institution during 1946 (excluding E.M.S. patients)

A. for medical treatment	2325
B. for indoor treatment	23
2. Number of persons in the Public Assistance Institution on 1st January 1946 (excluding colonists)

307

OUT RELIEF

3. Number of new cases applying for out-relief only during 1946.

Men	441
Women	683
Children	1251
4. Number of persons receiving out-relief on 1st January 1947.

Men	180
Women	388
Children	267
5. Number of cases applying for out-door Medical relief only during 1946.

Men	14
Women	85
Children	20
6. Number of persons receiving Medical relief on 1st January 1947 who are also in receipt of out-door relief as shown in paragraph 4 above.

Men	-
Women	5
Children	7

INSTITUTIONAL PROVISION FOR THE CARE OF MENTAL DEFECTIVES

During the year the numbers of mental defectives treated in the Colony at Howbeck House were as follows:-

	<u>Adults</u>		<u>Children</u>	
	<u>Males</u>	<u>Females</u>	<u>Males</u>	<u>Females</u>
High Grade	2	19	-	-
Medium Grade	7	83	5	6
Low Grade	18	37	3	4
<hr/>				
TOTAL	27	139	8	10

Of the above 9 were treated on behalf of other authorities.

Grantully Maternity Home

The following statistics show the details of the work and the satisfactory results achieved:-

Number of maternity beds in the institution	21
Number of maternity cases admitted during the year ...	418
Average duration of stay	14 days
Number of cases admitted during the year for ante-natal treatment	3
Number of cases delivered by (a) Midwives	263
(b) Doctors	144
Number of cases in which medical aid was sought by midwives in emergency ...	92
Number of cases notified as puerperal pyrexia	1
Number of cases of pemphigus neonatorum	0
Number of infants not entirely breast-fed while in the institution	37
Number of cases notified as ophthalmia neonatorum ...	0
Number of maternal deaths	0
Number of infant deaths	

(a) Stillborn:

Causes - Difficult forceps Delivery	1	
Breech Delivery, Difficulty with head	1	
Toxaemia in mother (pre-maturity)	1	
A.P.H. Accidental Haemorrhage	1	
Anencephalic Foetus with Exophthalmos	1	
Anencephalic Foetus (pre-mature)	1	
pneumonia mother (Premature)	1	
Anencephalic Foetus	1	8

(b) Within 10 days of birth:

Causes - Prematurity	3	
Atelactases Difficult Forceps Delivery	1	4

HOWBECK HOSPITAL

The following are details of the maternity cases treated in Howbeck Hospital:-

Number of Maternity Beds in the Institution	22
Number of cases admitted during the year	469
Average duration of stay	12 days
Number of cases admitted for ante-natal treatment ...	24
Number of cases delivered by (a) Midwives	839
(b) Doctors	53
Number of cases notified as Puerperal Pyrexia	0
Number of cases of pemphigus neonatorum	0
Number of infants not entirely breast-fed while in the Institution	35
Number of cases notified as ophthalmia neonatorum	0
Number of maternal deaths:-	
Causes: 1 Accidental Haemorrhage	
2 Broncho Pneumonia following Caesarean Section	2
Number of infant deaths	
(a) Stillborn Hydrocephalus	4
Anacephalus	1
Rhesus Factor	1
Apelectasis	2
Macerated	3
Prematurity	10
	<hr/>
	21
(b) Within 10 days: Prematurity	17

MATERNAL MORTALITY

The number of mothers who died in consequence of childbirth during the year was 3. The causes of death were:-

1. Accidental haemorrhage. Pregnancy and Caesarean section.
2. Shock. Induction of Labour and Intrauterine death of Foetus.
3. Acute Broncho pneumonia. Caesarean Section, and Obstructed Labour. (Stenosed Cervix).

PROVISION OF ADDITIONAL MATERNITY BEDS

By an agreement with Hartlepool's Hospital, the West Hartlepool Corporation made provision for six maternity beds per month, for West Hartlepool patients.

43 cases were admitted from June to December.

CLINICS AND TREATMENT CENTRES

The following tables show the nature of the work done at the Clinics and the conditions found:

ANTE-NATAL AND INFANT WELFARE CENTRES

Centre	Total No. of Child- ren Attend- ing Centre	Total Attend- ances	No. of Child- ren who made First Attend- ances.	No. of Visits Made by These Child- ren.	No. of Child- ren Who Attend- ed in Prev- ious Years.	No. of Visits Made by These Child- ren	No. of New Attend- ers Under One Year	No. of New Attend- ers Between 1 - 5	Ante- Natal Attend- ers
Mill House	-	890	-	-	-	-	-	-	394
Dale Street	722	9458	286	2987	636	6471	269	17	-
St. Luke's	799	10,199	336	3936	463	6263	315	21	-
Oxford Street	1040	13,500	502	5450	538	8050	475	27	-
Burbank Street	563	6,433	287	2938	276	3495	270	10	-
Seaton Carew	150	2,054	70	843	80	1211	65	5	-
TOTALS	3274	42,534	1481	16,154	1993	25,490	1394	80	394

METHODS OF FEEDING (First Attenders)

METHOD	ALL CENTRES		TOTAL
	REGULAR HOURS	IRREGULAR HOURS	
Natural (Breast)	708	9	719
Artificial (various)	538	11	549
Combined (natural and artificial)	108	3	111
Breast feeding over 1 year of age	-	-	-
Children over 1 year - various diets	88	-	88
TOTALS	1442	23	1465

During the year the sales of dried milk or allied substances at the Centres amounted to £3003. 4. 5. The quantities of these commodities given free cost £1.10.0.

DEFECTS FOUND IN INFANTS ATTENDING AT CENTRES

	CENTRES					TOTAL
	Dale St	Seaton	Oxford St	Burbank	St. Luke's	
Dermatitis	-	-	1	-	1	2
Impetigo	4	-	-	1	4	9
Scabies	3	-	4	2	2	11
Eczema	-	-	4	-	3	7
Ophthalmia Neonatorum	8	-	1	-	5	14
Conjunctivitis ...	-	-	3	6	1	10
Disease of Tonsils & Adenoids	6	-	1	-	6	13
Norrhoea	4	-	3	2	-	9
Whooping Cough ...	-	-	-	1	1	2
Bronchitis	3	2	2	2	-	9
Measles	1	-	2	-	2	5
Malnutrition	4	-	3	-	2	9
Scorbutus	3	-	4	-	3	10
Anaemia	4	-	-	-	1	5
Scarlet Fever	4	-	-	-	2	6
Norrhoea	3	-	6	5	6	20
Constipation	5	-	5	2	4	16
Umbilical Hernia ...	7	-	5	2	7	21
Protruding Umbilicus	-	2	12	7	3	24
Discharging Umbilicus	-	-	-	1	-	1
Haemorrhoids	2	6	9	12	9	38
Vomiting	2	-	4	-	-	6
Discharging Ears ...	2	-	-	-	1	3
Septic Sores	6	-	-	1	-	7
Green Stools	1	-	-	-	7	8
Mental Defects	-	-	2	-	4	6
Herpes	-	-	-	-	3	3
Craniotism	1	-	1	1	-	3
Hydrocephalus	-	-	-	1	-	1
Other Defects	10	3	10	2	6	31
TOTALS	83	13	82	48	83	309

MATERNITY AND CHILD WELFARE

(By Dr J.F. Farquhar)

ANTE-NATAL CLINIC

The physique of the women remains good. There were none with deformities of their bones. The older women show a reluctance to attend the dentist when advised, the younger ones who are more accustomed to dental inspections go quite readily. The vitamin foods are well taken up. We endeavour to get the women to attend for a routine post-natal examination. Some do, but they do not look upon it yet as part of the routine.

The blood of each patient is examined for the W.R., the R.H. factor and is grouped also by the Blood Transfusion Centre at Newcastle.

MATERNITY AND CHILD WELFARE

The number of children attending has risen from 3,150 to 3,274. As before the question of too little breast feeding is ever before us, and how to increase it is always the aim of the clinic staff. Perhaps the women will be able to do better when food is once more unrationed and abundant. The babies generally are healthy, and immunising is looked upon as almost a routine.

The N.S.P.C.C. inspector has been consulted at times though cruelty and neglect amounting to prosecution in the under 5 group is a rare thing.

ULTRA VIOLET RAY

We are sorry to say the new lamp has not yet arrived.

DAY NURSERIES AND NURSERY SCHOOL:

These continue their valuable and necessary work, and the waiting list still remains. The children have been healthy and free from illness.

The training for the Diploma of the National Society of Day Nurseries has been abandoned in order to be replaced by the training under a government scheme. The arrangements are not yet complete.

ANTE-NATAL AND POST-NATAL SCHEME(a) General Practitioners.

The Scheme whereby every expectant mother could receive ante-natal and post-natal care from her own doctor has been continued during 1946.

The following is a brief summary of the reports received:-

	<u>Ante-Natal</u>	<u>Post-Natal</u>
Total reports received ...	510	448
Abnormalities reported:		
General medical defects	32	26
Pelvic abnormalities	51	-
Malpresentation ...	6	-
Poor Nutritional condition	3	-
Recommended for hospital treatment	8	-
Recommended for specialist advice	4	-
Recommended for Nursing (premature baby) ...	1	-
Recommended for X ray ...	1	-

(b) During the year 12 cases were referred to the Consultants appointed by the Council.

MIDWIVES' ACTS 1902 - 36Conditions for which doctors were summoned in an emergency by MidwivesPregnancy -

Ante-partum	
haemorrhage ...	31
Albumen in urine ...	24
Miscarriage ...	3
Swollen Feet ...	4
Illness of Mother ...	16
Jaundice (A.P.H.) ...	4
	<hr/>
	82
	<hr/>

Puerperium -

Rise of temperature ...	5
Abscess of breast ...	2
	<hr/>
	7
	<hr/>

Labour -

Malpresentation ...	6
Prolonged and difficult labours	35
Ruptured perineum ...	62
Placenta praevia ...	4
Lacerated perineum ...	20
Complicated breech ...	5
Uterine inertia ...	24
	<hr/>

156

Infants -

Stillbirths ...	7
Discharging eyes ...	6
Feeble and premature baby	8
Tongue Tie ...	2
Rash ...	7
Circumcision ...	1
Foetal Distress ...	5
Convulsions ...	8
Asphyxia ...	4
	<hr/>

48

WORK OF THE HEALTH VISITOR

Maternity and Child Welfare:-

Visits to children under one year of age - Primary Visits	1605
Secondary Visits	5838
Visits to children between one and five years	10502
Visits to expectant mothers Primary Visits	1186
Secondary Visits	616
Visits for cases of ophthalmia neonatorum Primary Visits	-

Tuberculosis

Primary visits to new cases	106
Secondary visits to - Domiciliary cases	678
Dispensary cases	1736

Health Work

Visits to cases of pneumonia - primary visits	84
Visits to cases of puerperal fever and pyrexia - primary visits	1
Visits to cases of scarlet fever	3
Visits to mental defectives	-
Visits to cases of measles	427
Visits to boarded-out children	8
Visits to cases of scabies	24
Visits to cases of Impetigo	18
Visits to cases of Whooping Cough	30
Special enquiries - Housing, Home Helps, etc.	206

Nursing

Visits to cases of pneumonia	14
Visits to cases of ophthalmia neonatorum	15
Visits to cases of puerperal fever and pyrexia	1
Visits to cases of scabies	1
Visits to cases of discharging eyes	3

Clinic

Sessions at - Maternity and Child Welfare Centres	549
Ante-Natal Clinic	67
Dental (Maternity and Child Welfare)	17
Tuberculosis Dispensary	98
Venereal Disease Clinics	194

School Work

Visits to School with School Medical Officer	13
--	----

MATERNITY INSURANCE SCHEME

The Council maintained their Insurance Scheme throughout the year and I am indebted to the Borough Treasurer for the following financial particulars:-

Year Ended

31st March, 1946 31st March, 1947

Number of contributors to the scheme	734	1185
Amount of contributory fees received	£340. 5. 0.	£592.10. 0.
Confinements during the period		
(a) No medical attention	457	665
(b) With medical attention	198	293
Amount of Doctors' fees paid by the Corporation	£361. 7. 6.	£428. 8. 6.
No. of cases where confinement has not taken place during the period	115	342
Percentage of cases where medical treatment was required	31.9%	30.6%
Average cost per case of medical treatment	£1.18. 5.	£1. 9. 3.

VENEREAL DISEASES 1946

(by Dr T.W.Robson)

The annual Venereal Disease statistics for 1946 compared with those of 1945 show that the figures for females are approximately the same, whilst those for males show a small increase in the cases of syphilis, and a fairly large one in the cases of gonorrhoea. This is largely accounted for by the return of many soldiers into civilian life.

One of the chief problems in the control of Venereal Disease is to lessen the ever potential danger of the infected female, many of whom never seek treatment. At the present time there is no law which makes it compulsory for such a female to attend for treatment, unless she has been reported twice by two different individuals whom she has infected. It will be seen that as the matter stands at the moment the female, who makes her partial or whole living by undesirable methods, is often the very one who has lost so much self-respect that she cares little whether she be infected or not, and therefore remains a very dangerous member of the community.

One word about the new drug Penicillin. It can be said that

- (1) it is effective in curing all early cases of Venereal Disease,
- (2) it enables late cases to preserve good health,
- (3) it shortens enormously the length of treatment in comparison with the older drugs - as a result it has been noted that infected persons will come regularly and without fail until their treatment is completed, whereas, with the long tedious treatment in pre-penicillin days, such was not always the case.

It must be mentioned, however, that Penicillin is still relatively a new drug, and it is essential to keep all patients

under observation for some considerable time, in some cases years, in order to note and treat any relapse which may occur. This, however, is not a terrible nuisance or trial to the patient, as it only means that he or she returns to the clinic at varying intervals e.g. 2-3-6 months for further blood tests etc.

In the V.D. clinic one does not meet the "dregs of society" but, in the majority of cases, young healthy people who have "lapsed" for once in their lives. Most are nervous and frightened, and, quite briefly, it is the aim of the clinic to reassure, then to point out how wise they are in seeking treatment, to treat them with kindness and respect and, of course, to cure their condition. That such an attitude is efficacious is proved by the fact that the number of patients lapsing in their treatment is almost nil, and it is felt also that the likelihood of falling once again is very much lessened.

Finally it should be recorded that the nurse and the male attendant have done splendid and most efficient work which has left nothing to be desired.

RETURN RELATING TO ALL PERSONS WHO WERE TREATED AT THE TREATMENT CENTRE AT WEST HARTLEPOOL
DURING THE YEAR ENDED THE 31ST DECEMBER, 1946.

	SYPHILIS		SOFT CHANCER		GONORRHOEA		NON-VENEREAL OR UNDIAGNOSED CONDITIONS.		TOTALS		
	M	F	M	F	M	F	M	F	M	F	Totals
1. Number of cases on 1st January under treatment or observation	88	115	3	-	35	22	2	8	128	145	273
2. Number of cases removed from the register during any previous year which returned during the year under report for treatment or observation of the same infection											
3. Number of cases dealt with for the first time during the year under report (exclusive of cases under Item 4) suffering from:-											
Syphilis, primary	15	8	-	-	-	-	-	-	15	8	23
" " secondary	5	2	-	-	-	-	-	-	5	2	7
" " latent in 1st year of infection	7	1	-	-	-	-	-	-	7	1	8
" " all later stages	4	4	-	-	-	-	-	-	4	4	8
" " congenital	1	2	-	-	-	-	-	-	1	2	3
Soft Chancres	-	-	5	1	139	20	-	-	5	1	6
Gonorrhoea, 1st year of infection	-	-	-	-	4	-	-	-	139	20	159
" " later	-	-	-	-	-	-	-	-	4	-	4
Non-Venereal conditions	-	-	-	-	-	-	-	-	90	28	118
Conditions remaining undiagnosed at 31st December	-	-	-	-	-	-	3	1	3	1	4
4. Number of cases dealt with for the first time during the year under report known to have received treatment for the same infection, or to have been under observation, at other Centres, or Service Hospitals or by General Practitioners approved under Ministry of Health Circ. 2226	28	3			17	1			45	4	49
TOTALS OF ITEMS 1, 2, 3 and 4	148	135	8	1	195	43	95	37	446	216	662
Services cases included in the above											
5. Number of cases discharged after completion of treatment and final tests of cure or after diagnosis as non-venereal.	15		1		24		7				
6(a) Number of cases which ceased to attend before completion of treatment and were on first attendance, suffering from:-											
Syphilis primary		2		1							
" " secondary											
" " latent in 1st year of infection	1										
" " all later stages	1										
" " congenital	3										
Soft Chancres	3										
Gonorrhoea, 1st year of infection	-										
" " later	-										
6(b) Number of cases under treatment or observation which died:-											
From the disease											
From treatment											
From other causes											
7. Number of cases which ceased to attend after completion of treatment but before final tests of cure											
8. Number of cases transferred to other Centres, or to institutions, or to care of private practitioners	45	29			5	5	-	-	50	34	84
9. Number of cases remaining under treatment or observation on 31st December.	2	10				3			37	13	50
	93	84	1	-	30	9	3	2	127	95	222
TOTALS OF ITEMS 5, 6, 7, 8 and	148	135	8	1	195	43	95	37	446	216	662

	SYPHILIS		SOFT CHANCRE		GONORRHOEA		NON-VENEREAL OR UNDIAGNOSED CONDITIONS		TOTALS	
	M		F		M		F		M	
10. Number of cases in the following stages of syphilis INCLUDED IN ITEM 6 which failed to complete one course of treatment of either penicillin or of arsenic and bismuth:- Syphilis, primary " secondary " latent in 1st year of infection " all later stages " congenital	1	1	-	-	-	-	-	-	1	1
	-	1	-	-	-	-	-	-	-	1
	951	989	11	-	839	143	101	52	1902	1184
	132	153	-	-	424	9			556	162
11. Number of attendances:- (a) for individual attention of the medical officer(s) (b) for intermediate treatment e.g. irrigation, dressing TOTAL ATTENDANCES	1083	1142	11	-	1263	152	101	52	2458	1346
12. In-Patients:- Name of Institution (if other than the Treatment Centre) - HOWBECK HOSPITAL (a) Total number of persons admitted for treatment during the year. (b) Aggregate number of "in-patient days" of treatment given										
13 Number of cases treated with penicillin	44	51	-	-	82	17		Other Diseases	126	68
										194
14. Number of cases of congenital syphilis in Item 3 above classified according to age periods	Under 1 year		1 and under 5 years		5 and under 15 years		15 years and over.		Totals	
	M		F		M		F		M	
	1						2		1	
15. PATHOLOGICAL WORK:- (a) Number of SPECIMENS examined AT, and by the medical officer of the Treatment Centre. (b) Number of SPECIMENS from patients attending at the Treatment Centre for examination to an APPROVED laboratory.	Microscopical for Syphilis		for Gonorrhoea		Cultural Gonorrhoea for		Serum for Syphilis Gonorrhoea		Cerebro-spinal fluid	
	80		754				755			
							44		Others for Diagnosis of Venereal Disease	

STATEMENT SHOWING THE SERVICES RENDERED AT THE TREATMENT CENTRE DURING THE YEAR CLASSIFIED ACCORDING TO THE AREAS IN WHICH THE PATIENTS RESIDED

Name of County or County Borough (or Country in the case of persons residing elsewhere than in England and Wales) to be inserted in these headings.	W. H'POOL.	DURHAM COUNTY	ROYAL NAVY	MERCHANT NAVY	YORK	HULL	MIDDLESBROUGH	LOTHESFOT	GLASGOW	LONDON	N'THURBERLAND	SWEDEN	DENMARK	FINLAND	SURREY	Total
A. Number of cases from each area included under the following headings In Item 3:- Syphilis Soft Chancres Gonorrhoea Non-venereal and undiagnosed conditions	33	8	-	4	1	-	1	1	-	-	-	1	-	-	-	49
	3	2	-	1	-	-	-	-	-	-	-	-	-	-	-	6
	88	4,8	-	20	3	-	-	1	1	1	-	1	1	-	-	163
	82	32	-	7	-	-	1	-	-	-	-	-	-	-	-	122
TOTAL	206	90	-	32	4	-	2	1	1	1	-	2	1	-	-	340
B. Total number of attendances of all patients residing in each area	2674	822	6	235	12	4	19	1	1	7	2	7	1	2	3	3796

TUBERCULOSIS 1946

(By Dr T.W. Robson)

The 1946 statistics show no appreciable difference from those of 1945 as is evidenced by the following figures:-

		<u>1946</u>	<u>1945</u>
1.	No. of cases of Pulmonary Tuberculosis notified	97	87
2.	" " " " Non " " "	28	24
3.	No. of deaths from Pulmonary Tuberculosis	53	56
4.	" " " " Non " " "	11	9

The total number of cases remaining on the Tuberculosis Register is 560 compared with 515 for 1945.

From the above information one can safely say that there is no evidence of any rapidly increasing incidence of Tubercular infection and the very slight increase in numbers is, in reality, due to the return home of patients from the Services who have contracted the disease whilst abroad.

West Hartlepool is exceptionally fortunate in having a T.B. Wing at the Isolation Hospital which can accommodate at least 24 patients, and its value is exemplified by the fact that throughout the year most of the beds were occupied.

All treatment, apart from major surgical operations, is available for the patients and, in many cases, it has helped to put the patient into a healthy enough condition to allow such surgical measures to be undertaken when they are transferred to Poole Sanatorium.

Tribute at this juncture must be paid to Dr Cunningham and his staff at Poole Sanatorium. On every occasion when asked to do so they have given of their services freely and willingly, and it has been a pleasure to work in co-operation with them.

For further information it would be as well to give a brief outline of the T.B. scheme in this town, and for this purpose it is proposed to take as a typical example, an imaginary young married man with a small family, and to trace his "T.B. career"

- (a) He attends his own doctor who, suspecting T.B., refers him to the T.B. Dispensary, which is held at Cameron Hospital on Tuesdays and Thursdays at 2.30 p.m. There his case is investigated, his history is taken, he is clinically examined, X-rayed and various other tests are applied. It is established he has a "patch" in his right lung.
- (b) He is advised to give up his work and go into the T.B. Wing of the Isolation Hospital, and all the other members of his family are examined as contacts. At the same time, arrangements are made for an allowance to be paid for the upkeep of his wife and family. This fact is obviously of supreme importance, as it is futile to think that a man could possibly derive the maximum benefit from bed rest, etc., if he is worried about home financial arrangements.

Whilst in the Isolation Hospital he is visited every day by the Medical Officer, examined repeatedly and watched carefully. His food is good, he receives tonics and any other medicine that may be prescribed, and he lives almost in the fresh air. If it is thought that he will benefit by surgical measures an application is made for his admittance to Poole.

- (c) In Poole Sanatorium West Hartlepool Corporation has 24 beds (8 male 8 female and 8 children). Here major and minor operations are performed, all aimed at putting the infected lung at rest. For example our imaginary patient has one type of operation performed. It is successful and he progresses favourably. After a reasonably period he is either sent back to the Isolation Hospital to complete his treatment, or if his treatment is almost completed, he is allowed to return home, and to attend the T.B. Dispensary as an out-patient.

The social side of the T.B. scheme is vastly important also. A fully trained Health Visitor devotes a large part of her time to this aspect, following up cases, seeing them in their homes and arranging for distribution, if necessary, of free milk, egg powder, cod liver oil and malt, beds, clothing and, in some cases, even pocket money.

So our imaginary patient has access if need be to all the above amenities and further than this, if he needs a new house, the Medical Officer of Health can upon due consideration of his case, grant priority points.

Whilst he is convalescing at home, he may be inclined to become bored and restless, and if so, he can avail himself of the Occupational Centre on certain days of the week. Here he learns to do various handicrafts and can make many useful articles for his home.

Finally he is kept under observation at the T.B. Dispensary for at least five years, and if still in good health and all examinations prove to be normal he is discharged as fully and finally cured.

To conclude, no Tuberculosis report would be complete unless reference was made to the splendid work of the staff of the T.B. Wing in the Isolation Hospital, and to Nurse Bagshaw who carries out the social aspect of the scheme with such zeal and ability.

RETURN SHOWING THE WORK OF THE DISPENSARY DURING THE YEAR 1946

DIAGNOSIS	PULMONARY				NON-PULMONARY				TOTAL				GRAND TOTAL
	Adults		Children		Adults		Children		Adults		Children		
	M	F	M	F	M	F	M	F	M	F	M	F	
New cases examined during the year (excluding contacts).													
a. Definitely Tuberculous	44	30	3	-	2	2	4	1	4	32	7	1	86
b. Diagnosis not completed	-	-	-	-	-	-	-	-	8	6	6	4	24
c. Non-Tuberculous Contacts examined during the year.	-	-	-	-	21	14	20	5	21	14	20	5	60
d. Definitely tuberculous	3	7	1	-	-	-	1	-	3	7	2	-	12
e. Diagnosis not completed	-	-	-	-	-	-	-	-	5	2	3	-	10
f. Non-Tuberculous	-	-	-	-	13	36	12	14	13	36	12	14	75
Cases written off the Dispensary Register as													
g. Recovered	2	4	1	-	2	2	1	5	4	6	2	5	17
h. Non-Tuberculous	-	-	-	-	39	56	38	22	39	56	38	22	155
Including any such cases previously diagnosed and entered on the Dispensary Register as Tuberculous)													
i. Number of cases on Dispensary Register on December 31st:-													
a. Definitely Tuberculous	180	132	10	10	30	31	31	18	210	163	41	28	442
b. Diagnosis not completed	-	-	-	-	-	-	-	-	50	48	44	28	170

1.	Number of cases on Dispensary Register on January 1st	439
2.	Number of cases transferred from other areas and cases returned after discharge under head 3 in previous years	4
3.	Number of patients transferred to other areas, cases not desiring further assistance under the scheme, and cases 'lost sight of'	25
4.	Cases written off during the year as dead (all causes)	47
5.	Number of attendances at the Dispensary (including contacts)	1,700
6.	Number of visits by Tuberculosis Officers to homes (including personal consultations)	6
7.	Number of visits by nurses of health visitors to homes for dispensary purposes.	2,100
8.	Number of (a) specimens of sputum etc. examined	116
	(b) X-Ray examinations in connection with Dispensary Work	416
9.	Number of "Recovered" cases restored to Dispensary Register and included in A (a) and A (b) above.	-
10.	Number of "T.B. Plus" cases on Dispensary Register on 31st December	108

NUMBER OF BEDS AVAILABLE FOR THE TREATMENT OF TUBERCULOSIS
ON THE 31st DECEMBER 1946 IN INSTITUTIONS BELONGING TO
THE COUNCIL

NAME OF INSTITUTION	FOR PULMONARY CASES		TOTAL
	ADULTS	CHILDREN UNDER 15	
ISOLATION HOSPITAL	24	6	30

RETURN SHOWING THE EXTENT OF RESIDENTIAL TREATMENT AND OB-
SERVATION DURING THE YEAR IN INSTITUTIONS (OTHER THAN POOR
LAW INSTITUTIONS) APPROVED FOR THE TREATMENT OF TUBERCULOSIS.

	IN INSTIT- UTIONS ON JAN. 1st	ADMITTED DURING THE YEAR	DIS- CHARGED DURING THE YEAR	DIED IN THE INSTIT- UTIONS	IN INSTIT- UTIONS ON DEC. 31
) Number of doubt- (Adult M fully Tuberculosis cases admitted (Adult F for observation (Children	-	-	-	-	-
	1	2	-	-	1
	-	-	-	-	-
TOTAL	1	2	-	-	1
) Number of patients (Adult M suffering from (Adult F Pulmonary Tuber- (Children culosis	19	59	88	5	20
	19	63	46	11	24
	7	4	5	-	2
TOTAL	45	126	139	16	46
) Number of patients (Adult M suffering from (Adult F Non-Pulmonary (Children Tuberculosis	4	3	1	-	2
	-	3	1	-	8
	5	8	7	1	7
TOTAL	9	14	9	1	17
AND TOTAL (a), (b) & (c)	55	142	148	17	64

SANITARY CIRCUMSTANCES OF THE AREA

WATER SUPPLY

The water supply to the area is in the hands of a private Company, who derive the supply from deep wells. The water is not treated or filtered except that the water is chlorinated.

The supply is abundant and of satisfactory quality, although very hard.

Every house has a piped supply, direct from the main.

Twelve samples have been taken for chemical analysis and all have proved satisfactory.

Seven samples have been taken for microscopical and bacteriological examination. All gave negative results under tests for B. Coli and Clostridium Welchii, with one exception. This sample gave positive result in the Clostridium Welchii test, which in the opinion of the Analyst was a matter for enquiry.

The following is a typical analysis of the local supply:-

				<u>Parts per 100,000.</u>
Chlorine as Chlorides	...	...	...	14.2000
Nitrogen as Nitrates	...	...	...	.0987
Ammonia	...	...	...	.0064
Albuminoid Ammonia	...	...	...	.0040
Oxygen Absorption	...	...	...	.0244
Injurious Metals	...	...	...	None
Total solid matter dried @ 100°C	...	...	...	<u>87.0000</u>
Temporary Hardness	...	24.20	degrees	
Permanent Hardness	...	25.00	"	
Colour of Sample on Hazen Scale	...	...	...	3.
Appearance of Sample in 2 foot tube	...	...	...	Not quite bright.
Odour when heated to 50°C	...	...	...	<u>None</u>

MICROSCOPICAL EXAMINATION

Satisfactory.

BACTERIOLOGICAL EXAMINATION

Number of colonies on Nutrient Agar		
@ 37°C after 72 hours	...	1 per ml.
Number of colonies on Nutrient Agar		
@ 20-22°C after 72 hours	...	1 per ml.
Presumptive B. Coli Test @ 37°C		
after 72 hours.	...	Negative in 100 ml.
Clostridium Welchii Test @ 45°C	...	<u>Negative in 40 ml.</u>

OBSERVATIONS

The sample affords no evidence of contamination by drainage of undesirable character, and as it is of a high order of purity from the bacteriological standpoint, it is of good and wholesome quality for human consumption.

"

RATS AND MICE (DESTRUCTION) ACT 1919
INFESTATION ORDER S.R. & O. NO. 680

The Corporation employ one full-time Rodent Operator to deal with cases notified by the public, and to make inspections to find cases not so notified.

The procedure adopted with regard to baiting and poisons used is that laid down by the Ministry of Feed.

During the year 1,092 visits have been made to lay pre-baits and 382 visits to lay poison baits.

The Borough Engineer's staff have also laid poison baits in the sewers at manhole points.

Hitherto the cost of rat extermination has been charged to the occupiers, but for a limited period of one year the Ministry of Food has agreed, under certain conditions, that the cost of this service in the case of private houses should be borne by the Ministry and Local Authority.

ASHPITS ABOLISHED

	Wards								TOTAL
	North	West	Park	SWest	SEast	Central	NEast	Seaton	
ashpits abolished and circular pans provided.	-	-	-	-	-	-	-	-	-

PREMISES AND OCCUPATIONS CONTROLLED BY BYE-LAWS OR REGULATIONS

	<u>Number</u>
Marine Stores	5
Gut Scrapers	2
Tripe Boilers	3
Tallow Melters	4
Bone Boilers	1
Common Lodging Houses	4
Registered Houses-let-in-Lodgings	10
Cowsheds and Retail Purveyors of Milk	40
Shops registered for sale of bottled milk	17
Store registered for sale of Artificial Cream	1
Slaughter House	1

COMMON LODGING HOUSES

Situation	Registered No. of Lodgers	No. of Rooms
18 Rokoby Street	16	7
2 Edward Street	15	4
29 George Street	9	2
26 George Street	11	4
TOTALS	51	17

SANITARY INSPECTION OF THE DISTRICT

Inspections were made as follows:-

3577 Visits under the Public Health Acts.

1744 Visits under the Housing Acts.

121 Visits under the Factories Acts.

215 Visits under the Food & Drugs Act.

163 Visits under Milk & Dairies Regulations.

2 Visits under the Shops Act.

321 Visits to fish, fruit and meatshops (unregistered premises)

579 Visits to Abbatoir

33 Visits to Places of Entertainment.

5 Visits to Offensive Trades.

14 Visits to Common Lodging Houses

1 Visit to House-let-in-Lodgings.

250 Visits to Cases of Infectious Diseases.

63 Visits to Homes of Mental Defectives.

13 Visits to Sheds and Caravans.

1142 Complaints attended to.

4 Drains examined.

19 Drains tested.

464 Complaints re Rats attended to.

1092 Visits re Rats to lay pre-baits.

382 Visits re Rats to lay poison baits.

667 Visits re Rats other than above.

1114 Intimation Notices served.

139 Statutory Notices served.

Sanitary defects discovered and dealt with by the service of informal or statutory notices:-

Defective drains	15
Stopped drains and water closets	170
Defective yard pavements	16
Defective spouts and fallpipes	219
Defective roofs	185
Defective brickwork	81
Damp walls	83
Defective water closets	240
Defective rainwater pumps, wells, etc.	78
Defective water taps, pipes, etc.	101
No water supply provided	7
Fill in cellars	3
New dustbins required	140
Defective or absent ashcloset doors	17
Offensive accumulations of manure and refuse	13
No washing facilities	24
Smoke nuisance	6
Dirty dwellings	3
Factory not kept in a clean condition	1
Dirty cowshed	1
Dirty pigstyes	4
Rat infestation	422
Animals improperly kept	1
Other nuisances and defects	724
	<hr/>
	2554
	<hr/> <hr/>

Disinfection

Number of premises sprayed and fumigated:

Tuberculosis	...	...	...	...	...	79 rooms.	77 houses.
Fever	...	...	...	...	...	115 rooms.	114 houses.
Vermin	...	...	...	...	...	76 rooms.	37 houses.
Institutions	...	...	...	...	...	25 rooms.	6 institutions.
Other	...	...	...	...	...	49 rooms.	45 houses.

Number of articles disinfected by steam:

Beds, bed cover and mattresses	...	...	...	...	48
Pillows, pillow cases and bolsters	...	...	...	...	64
Sheets, blankets and quilts	...	...	...	...	305
Articles of clothing	...	...	...	...	3
Sundry articles	...	...	...	...	62

Number of articles destroyed with consent of owner 55

Eradication of Bed Bugs

Infested houses are sprayed with "Zacdecide" (with D.D.T. added), the work being carried out by men engaged by the Corporation for this purpose.

During the year, 142 of the tenants removed to Corporation houses had their household effects sprayed with insecticide, and/or steam disinfection of bedding etc., carried out.

HOUSING

The number of inhabited houses in the Borough at the end of 1946 was 18,762, with a population of 69,170. This gives a figure of 3.7 persons per house.

During 1946, 67 houses were built by private enterprise, and 78 houses were built by the Corporation.

1. INSPECTION OF DWELLING HOUSES DURING THE YEAR

(1)	(a)	Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	...	...	...	...	1371
	(b)	Number of inspections made for the purpose					5321
(2)	(a)	Number of dwelling houses (included under (1) above which were inspected and recorded under the Housing Consolidated Reg'ns 1925					7
	(b)	Number of inspections made for the purpose					35
(3)		Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for habitation	...	...	...	...	3
(4)		Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for habitation.					1101

2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES:-

Number of defective dwelling houses rendered fit in consequence of informal action by the local authority or their officers 963

3. ACTION UNDER STATUTORY POWERS DURING THE YEAR:-

A. Proceedings under Secs. 9.10. and 16, of the Housing Act, 1936:-

(1) Number of dwelling houses in respect of which notices were served requiring repairs 4
 (2) Number of dwelling houses which were rendered fit after service of formal notices:
 (a) by owners 1
 (b) by local authority in default 3

B. Proceedings under Public Health Acts:

(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied 133
 (2) Number of dwelling houses in which defects were remedied after service of formal notices:-
 (a) by owners 117
 (b) by local authority in default 16

C. Proceedings under Section 11 and 13 of the Housing Act, 1936.

(1) Number of dwelling houses in respect of which Demolition Orders were made -
 (2) Number of dwelling houses demolished in pursuance of Demolition Orders -

D. Proceedings under Section 12 of the Housing Act, 1936

(1) Number of separate tenements or underground rooms in respect of which closing orders were made 1
 (2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined the tenement or room having been rendered fit. 2

4. HOUSING ACT, 1936 PART IV, OVERCROWDING

(a) (i) Number of dwellings overcrowded at the end of the year 812
 (ii) Number of families dwelling therein 942
 (iii) Number of persons dwelling therein 5551
 (b) Number of new cases of overcrowding reported during the year 155
 (c) (i) Number of cases of overcrowding relieved during the year 175
 (ii) Number of persons concerned in such cases 1353
 (d) Cases in which dwelling houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding. -

No. of samples taken for examination					Source	Result	Action Taken
For presence of tubercle bacilli	For Bacterial Count	For Methylene Blue Test	For Coliform Test.	For Phosphate Test.			
6					Local supply	6 Negative	Nil
20					Supply from outside Borough	19 Negative 1 Positive	Nil Responsible Authority notified
	8				Local supply	7 Satisfactory 1 Unsatisfactory	Nil Farmer's attention drawn to unsatisfactory report.
	65				Supply from outside Borough	56 Satisfactory 9 Unsatisfactory	Nil Farmers' attention drawn to unsatisfactory reports.
		23			Local supply	19 Satisfactory 4 Unsatisfactory	Nil Farmers' attention drawn to unsatisfactory report
		58			Supply from outside Borough	45 Satisfactory 13 Unsatisfactory	Nil Farmers' attention drawn to unsatisfactory reports.
			7		Local supply	3 Satisfactory 4 Unsatisfactory	Nil Farmers' attention drawn to unsatisfactory reports.
			54		Supply from outside Borough	44 Satisfactory 10 Unsatisfactory	Nil Farmers' attention drawn to unsatisfactory reports.
				22	Local supply	18 Satisfactory 4 Unsatisfactory	Nil Dairymen's attention drawn to unsatisfactory reports.
				26	Supply from outside	24 Satisfactory 2 Unsatisfactory	Nil Dairymen's attention drawn to unsatisfactory reports.

REGISTERED PREMISES USED IN CONNECTION WITH THE
MANUFACTURE OF ICE-CREAM AND FOOD

	<u>No. of premises</u>
Ice-cream	61
Cooked meats, etc. ...	93
Cooked fish	60

	No. in Hospital on 1. 1.46	Admitted during 1946	Discharged during 1946	Died	In Hospital on 30. 12. 46.
Scarlet Fever	7	76	74	-	9
Diphtheria	7	25	27	1	4
Diphtheria	-	1	1	-	-
Other Diseases					
Para-Typhoid	-	3	3	-	-
Typhoid	-	3	3	-	-
Measles and Pneumonia	-	3	3	-	-
Measles	-	20	20	-	-
Lobar Pneumonia	-	5	4	1	-
Erysipelas	-	2	2	-	-
Meningitis	-	4	2	2	-
Puerperal Pyrexia	-	1	1	-	-
Puerperal Fever	-	1	1	-	-
Totals	14	144	141	4	13

? See changes of diagnosis and diagnosis of observation cases.

Change of Diagnosis and diagnosis of observation cases:-

- ? Diphtheria diagnosed as not diphtheria.
- ? Typhoid diagnosed as not typhoid.
- Puerperal Pyrexia diagnosed as Pneumonia

Patient Days

West Hartlepool Cases	...	...	...	...	...	...	...	...	2651
Cases from other areas	...	...	...	...	...	...	...	...	831

Duration of Stay (excluding deaths)

					Shortest	Longest
Scarlet Fever	...	...	...	...	7 days	59 days
Diphtheria	...	...	...	...	13 days	78 days
Other cases	...	...	...	...	2 days	54 days

Deaths in Hospital

Disease	Duration of Stay					TOTAL
	Less than 24 hours	1 - 2 days	2 - 7 days	1 - 4 weeks	Over 4 Weeks	
Diphtheria	-	-	-	1	-	1
Meningitis	-	-	-	1	-	1
Totals	-	-	-	2	-	2

VACCINATION STATISTICS

Total Successfully Vaccinated	605
" Conscientious Objectors	328
" Died unvaccinated	66
" Insusceptible	3
" Postponed by Medical certificate	17
" Removed to other districts	41
" Lost sight of	24
" Still under notice	401
Percentage of Vaccinated children	40.74%

BIRTHS

	West Hartle- pool.	Wards								Transfers	
		N	W	P	S.W.	S.E.	C	N.E.	S.	IN	OUT
No. of Births	1575	251	137	146	217	152	188	161	233	170	80
Percentage of Total Births		15.9	8.7	9.3	13.8	9.6	11.9	10.2	14.8	+ 10.8	-5.0

BIRTH RATES

Year	West Hartlepool.		England & Wales Birth Rate
	No. of Births	Birth Rate	
1946	1575	22.77	19.1

APPENDIX - NATURAL INCREASE OF POPULATION

The natural increase of population was 738

Rate of natural increase per 1,000 population 10.6

APPENDIX 2THE DEATHS AS THEY OCCURRED IN THE WARDS

Cause of Death	Total Deaths	Wards								Transferable deaths.
		N.	W.	P.	S.W.	S.E.	C.	N.E.	S.	
Enteric Fever	-	-	-	-	-	-	-	-	-	-
Cerebro-Spinal Fever	1	1	-	-	-	-	-	-	-	-
Scarlet Fever	-	-	-	-	-	-	-	-	-	-
Whooping Cough	-	-	-	-	-	-	-	-	-	-
Diphtheria	1	-	-	-	-	-	1	-	-	-
Tuberculosis (Respiratory)	58	8	1	7	11	7	7	7	8	2
Other Tuberculosis Diseases	12	1	1	1	2	-	2	2	3	-
Syphilitic Diseases	4	-	-	1	-	-	1	2	-	-
Influenza	2	-	-	1	-	-	-	-	1	-
Measles	1	-	-	-	-	-	1	-	-	-
Encephalitis Lethargica	1	1	-	-	-	-	-	-	-	-
Polioencephalitis	1	-	-	-	1	-	-	-	-	-
Cancer	116	14	17	11	13	8	14	12	15	12
Diabetes	3	1	-	1	1	-	-	-	-	-
Heart Disease	238	35	17	28	35	23	31	21	39	9
Other Diseases of the circulatory system	23	3	3	2	4	5	1	3	2	-
Bronchitis	57	8	5	2	12	4	11	10	3	2
Pneumonia	39	9	3	4	6	3	9	2	3	-
Other respiratory diseases	16	4	3	1	1	2	-	1	3	1
Ulcer of the stomach and duodenum	10	2	1	-	1	1	2	-	-	3
Diarrhoea (under 2 years)	4	2	-	-	-	2	-	-	-	-
Appendicitis	1	-	-	-	-	-	-	-	-	1
Other digestive diseases	21	4	-	3	4	1	1	-	4	4
Nephritis	16	-	2	6	3	1	1	-	2	1
Puerperal Sepsis	-	-	-	-	-	-	-	-	-	-
Other maternal causes	2	-	-	-	-	-	-	-	1	1
Congenital Debility and Premature Births	50	6	1	4	8	6	8	5	11	1
Suicide	5	2	-	-	-	-	1	-	1	1
Other violent causes (including Road Traffic Accidents).	30	3	1	3	6	1	5	1	7	3
All other causes	125	29	9	15	14	5	13	10	19	11
TOTAL DEATHS	837	133	64	90	122	69	109	76	122	52

APPENDIX 3

TABLE SHEWING CAUSES OF, AND AGES AT DEATH

Cause of Death	ALL AGES	Age Groups									Deaths in Institutions	Increase or Decrease Compared with 1945
		Under 1	1 to 2	2 to 5	5 to 15	15 to 25	25 to 45	45 to 65	65 to 75	75 up		
Enteric Fever	-	-	-	-	-	-	-	-	-	-	-	Same
Cerebo-Spinal Fever	1	1	-	-	-	-	-	-	-	-	1	Plus 1
Scarlet Fever	-	-	-	-	-	-	-	-	-	-	-	Same
Whooping Cough	-	-	-	-	-	-	-	-	-	-	-	Minus 2
Diphtheria	1	-	-	1	-	-	-	-	-	-	1	Minus 1
Tuberculosis (Respiratory)	58	-	1	1	2	12	20	22	-	-	10	Same
Other Tuberculosis Disease	12	-	-	1	4	1	3	2	1	-	8	Minus 3
Syphilitic Disease	4	1	-	-	-	1	1	2	-	-	3	Minus 4
Influenza	2	-	-	-	-	1	-	1	-	-	2	Plus 2
Measles	1	1	-	-	-	-	-	-	-	-	-	Plus 1
Encephalitis Lethargica	1	-	-	-	-	-	1	-	-	-	-	Same
Polioencephalitis	1	-	-	-	-	-	1	-	-	-	-	Plus 1
Cancer	116	-	-	-	-	1	6	51	36	22	46	Plus 2
Diabetes	3	-	-	-	-	-	1	-	-	2	1	Plus 2
Heart Disease	238	-	-	-	-	3	6	50	71	108	59	Plus 14
Other Disease of the Circulatory System	23	-	-	-	-	-	-	7	11	5	6	Minus 63
Bronchitis	57	8	2	-	1	-	1	13	23	9	8	Plus 12
Pneumonia	39	14	2	-	-	-	2	8	8	5	22	Plus 3
Other respiratory disease	16	-	-	-	1	-	1	7	5	2	2	Plus 3
Ulcer of the stomach and duodenum	10	-	-	-	-	-	2	4	3	1	4	Plus 1
Diarrhoea (under 2 yrs)	4	4	-	-	-	-	-	-	-	-	2	Minus 13
Appendicitis	1	-	-	-	1	-	-	-	-	-	-	Same
Other digestive disease	21	-	1	-	2	-	-	9	5	4	8	Plus 3
Nephritis	16	-	-	-	-	-	1	7	5	3	5	Minus 7
Puerperal Sepsis	-	-	-	-	-	-	-	-	-	-	-	Same
Other Maternal causes	2	-	-	-	-	-	2	-	-	-	1	Minus 3
Congenital Debility and Premature Birth	50	49	-	-	1	-	-	-	-	-	21	Plus 3
Suicide	5	-	-	-	-	-	2	1	1	1	-	Minus 3
Other violent causes (including Road Traffic Accidents)	30	2	-	2	1	5	3	4	6	7	17	Same
All other causes	125	5	2	1	-	3	10	20	36	48	50	Plus 22
Total Deaths	837	85	8	6	13	26	63	208	211	217	277	Minus 29

WEEKLY RETURN OF DEATHS FROM CHEST DISEASES

Week Ending

Disease	5 th Jan	12 th Jan	19 th Jan	26 th Jan	2 nd Feb	9 th Feb	16 th Feb	23 rd Feb	2 nd Mar	9 th Mar	16 th Mar	23 rd Mar	30 th Mar	6 th Apr	13 th Apr	20 th Apr	27 th Apr	4 th May	11 th May	18 th May	25 th May	1 st Jun	8 th Jun	15 th Jun	22 nd Jun	29 th Jun	6 th Jul
Phthisis	-	-	-	-	2	-	1	1	2	1	-	1	-	1	-	1	1	1	2	-	2	-	2	1	2	1	
Bronchitis	7	1	4	4	2	4	3	1	1	1	1	2	-	-	1	1	-	-	-	-	2	-	4	1	-	1	
Pneumonia	3	2	2	1	1	1	3	-	2	2	1	2	-	1	-	-	-	-	-	-	-	2	1	-	1	1	
Heart Disease	3	7	6	9	9	9	7	8	3	4	1	6	7	3	6	8	4	7	2	1	1	5	4	4	6	3	7
Other																											
Respiratory Disease	-	-	-	-	1	-	1	-	-	-	1	1	1	2	-	-	-	-	-	-	-	-	1	-	1	-	-
Total	13	10	12	14	15	14	15	10	7	8	4	12	9	7	7	10	5	8	4	1	5	7	9	9	9	6	10

Week Ending

Disease	13 th Jul	20 th Jul	27 th Jul	3 rd Aug	10 th Aug	17 th Aug	24 th Aug	31 st Aug	7 th Sep	14 th Sep	21 st Sep	28 th Sep	5 th Oct	12 th Oct	19 th Oct	26 th Oct	2 nd Nov	9 th Nov	16 th Nov	23 rd Nov	30 th Nov	7 th Dec	14 th Dec	21 st Dec	28 th Dec	29 th to 31 Total		
Phthisis	1	2	2	-	2	2	-	-	2	1	1	2	1	-	-	6	1	2	2	1	1	-	-	2	2	1	58	
Bronchitis	-	1	-	1	1	1	-	1	-	1	-	-	1	-	-	-	2	1	1	2	-	-	3	-	-	1	-	57
Pneumonia	1	-	-	1	-	1	1	-	-	-	-	-	-	-	2	1	-	2	-	-	-	1	1	-	2	-	-	39
Heart Disease	5	1	1	1	3	6	2	4	2	4	2	7	3	2	10	4	3	4	3	8	2	4	5	9	2	2	0	238
Other																												
Respiratory Disease	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	1	1	-	-	1	-	-	-	1	1	-	16	
Total	7	4	3	3	6	10	3	6	4	6	3	9	5	3	12	12	7	9	6	12	3	5	9	12	8	1	408	

APPENDIX 5

DEATHS

	West Hartlepool	N.	W.	P.	S.W.	S.E.	C.	N.E.	S.	Transfer- able Deaths
of Death	837	133	64	90	122	69	109	76	122	52
Percentage of Total Deaths	-	15.9	7.6	10.8	14.6	8.2	13.0	9.1	14.6	6.2

APPENDIX 6

TRANSFERABLE DEATHS

INSTITUTION	MALES	FEMALES	TOTAL
Hartlepool Hospital, Hartlepool	7	8	15
General Victoria Infirmary, Newcastle-upon-Tyne	6	2	8
Emergency Hospital, Shotley Bridge	3	-	3
Weshead Mental Hospital, Stanington	-	2	2
Other Areas	15	9	24
Total	31	21	52

APPENDIX 7

DEATH RATES.

Year	West Hartlepool		England & Wales
	No. of deaths	Death Rate	
1946	837	12.10	11.5

APPENDIX 8
CANCER DEATHS

Year	No. of Cancer Deaths	Males	Females	Death Rate	Deaths from All Causes	Percentage of Total Deaths
1946	116	63	53	1.67	837	13.85

APPENDIX 9

CANCER DEATHS - PARTS OF BODY AFFECTED

Parts affected	Age	Under 35		35-45		45-55		55-65		65-75		Over 75		Total	
	Sex	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Peritoneum, Intestines and Rectum		-	-	-	2	2	-	6	3	7	4	5	1	20	10
Stomach liver etc.		-	1	1	-	3	4	6	4	6	1	2	4	18	14
Reproductive Organs		-	-	-	1	-	3	-	3	-	3	-	1	-	11
Breast		-	-	1	-	1	4	4	2	2	3	-	5	8	14
Other Glands		-	-	-	1	-	-	2	-	2	-	1	-	5	1
Mouth		-	-	-	-	-	-	-	-	3	-	2	-	5	-
Bones		-	-	-	-	-	-	-	1	1	-	1	-	2	1
Other Parts		-	-	-	-	1	-	2	-	2	2	-	-	5	2
Totals		-	1	2	4	7	11	20	13	23	13	11	11	63	53

The deaths were ascribed to:-

	No. of deaths.
Carcinoma	97
Sarcoma	3
Epithelioma	4
Cancer (no classification)	12
Total	116

APPENDIX 10

INFANTILE MORTALITY RATE

Year	West Hartlepool			England & Wales Rate
	Births	Deaths	Rate	
1946	1575	85	5.4	43

APPENDIX 11

INFANT MORTALITY IN THE WARDS

Disease	North	West	Park	S. West	S. East	Central	N. East	Seaton	Transfer- able Deaths	Total
Cerebro-Spinal Fever	1	-	-	-	-	-	-	-	-	1
Measles	-	-	-	-	-	1	-	-	-	1
Bronchitis	1	-	-	1	-	4	1	-	1	8
Pneumonia	4	-	2	1	3	2	1	1	-	14
Syphilitic Disease	-	-	1	-	-	-	-	-	-	1
Congenital Heart Disease	-	-	-	2	-	-	-	1	-	3
Congenital Debility	-	-	-	-	-	-	1	2	-	3
Spina Bifida	-	-	-	1	-	-	-	1	-	2
Marasmus	3	-	-	-	4	-	-	1	-	8
Premature Birth	2	-	3	2	2	4	4	6	-	23
Convulsions	-	-	1	1	-	1	-	-	-	3
Accidents	1	-	-	-	-	1	-	-	-	2
Diarrhoea	2	-	-	-	2	-	-	-	-	4
All other causes	3	-	-	2	-	4	-	3	-	12
Totals	17	-	7	10	11	17	7	15	1	85

APPENDIX 12

INFANT MORTALITY DURING THE YEAR

Deaths from stated causes at various ages under 1 year of age

Cause of Death	Under 1 Wk.	1-2 Wks	2-3 Wks	3-4 Wks	Total Under 4 Wks	1 Mth & Under 3 Mths	3-6 Mths	6-9 Mths	9-12 Mths	Total Deaths Under 1 Year
Cerebro-Spinal Fever	-	-	-	-	-	-	-	1	-	1
Measles	-	-	-	-	-	-	-	1	-	1
Syphilitis Disease	1	-	-	-	1	-	-	-	-	1
Bronchitis	-	1	1	-	2	3	1	-	2	8
Pneumonia	1	-	2	1	4	2	7	1	-	14
Diarrhoea	-	-	2	-	2	-	1	-	1	4
Premature Birth	20	1	1	-	22	-	1	-	-	23
Spina Bifida	1	-	-	-	1	1	-	-	-	2
Marasmus	-	-	1	2	3	3	2	-	-	8
Congenital Debility	1	1	-	-	2	1	-	-	-	3
Congenital Heart Disease	3	-	-	-	3	-	-	-	-	3
Convulsions	-	1	-	-	1	1	1	-	-	3
Accidents	-	-	1	1	2	-	-	-	-	2
All other causes	10	-	-	-	10	1	1	-	-	12
TOTALS	37	4	8	4	53	12	14	3	3	85
All Causes: Certified	36	4	8	4	52	10	14	3	3	82
Uncertified	1	-	-	-	1	2	-	-	-	3

APPENDIX 13MIDWIVES ACT, 1902 - SECTION 8 (5)Notifications received during 1946

<u>No. on</u> <u>Mid-</u> <u>wives</u> <u>Roll</u>	<u>Date of</u> <u>Certif-</u> <u>icate</u>	<u>Name</u>	<u>Address (All West Hartlepool</u> <u>unless otherwise stated)</u>
39605	21. 2.14	CRAVEN, Martha Gertrude	81, Stockton Road
74766	24.11.28	PICKERING, Winifred	26, Grange Road.
90631	11. 8.34	GALLIMORE, Kathleen F.M.	103, Westbourne Road.
93510	14. 8.34.	GALLOWAY, Eva.	93 Oxford Road.
107246	14. 9.40.	HARRISON, Eleanor Josephine	66, Caledonian Road.
74779	24.11.28	MYERS, Alice Annie	8, Wynnstay Gardens
67935	12.12.25	PHILLIPS, Bessie	117, Westbourne Road.
104224	19.11.38	WALKER, Lydia R.	8, Bombay Grove, Seaton Carew.
15528 (Scottish Roll)	8. 7.42	BROWN, Doreen	Howbeck Hospital
53586	13. 4.21.	GALLAGHAN, Daisy	do.
107847	15. 3.41.	JEFFERSON, Hilda	do.
97696	11.11.36	MILEWSKIE, Bertha	do.
95715	22. 2.36	WHITE, Bertha E.	do.
110388	13. 3.43.	IRVING, Helena	Grantully Maternity Home.
112927	26. 9.44.	KEMP, Olive Celia	do.
106813	2. 12.39	LEE, Maud Elizabeth	do.
67928	15.12.25.	PIERSON, Margaret B.	do.
110530	10. 3.43.	STIRLING, Mary C.	do.
115212	31.12.45.	TINKLER, Agnes Mary.	do.
73007	25. 2.28	TODD, Millicent	do.
56187	11. 2.02	BATEY, Isabella	24 Bright Street
78730	16. 8.30	CONLON, Martha	35 Borrowdale Street.
72784	25. 2.28.	HUTCHINSON, Harriet E.	9 Windermere Road.

Midwives Practising under Orders made by
West Hartlepool Corporation under the Defence
(General) Regulations, 1939

69658	14. 8.26.	MONTGOMERIE, Catherine Foley	41 Collingwood Road.
76151	25. 5.29.	TURNBULL, Janet Ferguson	34 York Road,

APPENDIX 14

PUBLIC ABATTOIR

Animals Slaughtered at Abattoir

Year	Beasts	Sheep	Calves	Pigs	Total
1937	5157	8555	736	9510	23958
1938	4426	11067	694	8544	24731
1939	4729	11846	833	7686	25094
1940	3891	18953	185	4216	27245
1941	2315	12857	179	1742	17093
1942	3028	14348	69	102	17547
1943	2340	12774	38	123	15275
1944	2852	11481	37	114	14484
1945	2899	12002	20	132	15053
1946	3526	14617	634	22	18799

Year	Total Cattle slaughtered (including calves)	Number affected with Tuberculosis	Percentage affected	Total Number of pigs slaughtered	Number affected with Tuberculosis	Percentage affected.
1937	5157	122	2.36	9510	51	0.53
1938	5120	84	1.64	8544	56	0.65
1939	5062	111	2.35	7686	52	1.09
1940	4076	148	3.72	4216	64	1.51
1941	2494	138	5.57	1742	36	2.06
1942	3097	135	4.45	102	2	1.96
1943	2378	124	5.25	123	2	1.62
1944	2889	102	3.57	114	-	-
1945	2919	154	5.31	132	3	2.27
1946	4160	225	6.38	22	-	-

CARCASES INSPECTED AND CONDEMNED

	Cattle Excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed (if known)	3526		634	14617	22
Number inspected					
All diseases except tuberculosis. Whole carcasses condemned.	2	7	4	29	-
Carcases of which some part or organ was condemned	1898	97	4	261	4
Percentage of the inspected affected with disease other than tuberculosis	56.83		1.26	1.99	18.18
Tuberculosis only. Whole carcasses condemned.	8	23	-	-	-
Carcases of which some part or organ was condemned.	119	75	-	-	-
Percentage of the number inspected affected with tuberculosis.	6.38		-	-	-

APPENDIX 15FOOD SURRENDER AND DESTROYED

709 lbs	Imported Mutton and Beef
19 "	Pork
291 $\frac{1}{2}$ "	Bacon and Ham
46 "	Butter and Margarine
30 "	Cheese
37 "	Preserves
30 "	Sugar
61 "	Sausage
324 "	Brawn
218 "	National Flour
470 $\frac{3}{4}$ "	Raisins, currants, prunes, dates
22 $\frac{3}{4}$ "	Yeast
42 "	Kippers
18 $\frac{1}{2}$ "	Oats
15 "	Dried Egg
452 "	Lentils
1659 "	Fish
2856 "	Plums
34 "	Sweets
1128 tins	Meat
729 "	Fish, fruit, vegetables
345 "	Milk
8 "	Puddings
19 "	Household Milk
360 "	Eggs
360 btls	Sauce
54 pkts	Savormix powder
84 "	Pudding mixture
72 "	Baking Powder
814	Fish Cakes
26	Fresh Peaches
16 stalks	Bananas.

APPENDIX 16

SALE OF FOOD AND DRUGS ACTS - ADULTERATED SAMPLES - ACTION TAKEN

Article Purchased	Number Anal- ysed	Formal Samples	Inform- al Samples	Number Genuine adulter- ated	No. of Sample	Nature of Adulteration	Remarks and Action Taken
Milk	75	2	73	69	6	758	Below standard in non-fatty solids - contains 2.9% of added water. do. 2% Course of delivery sample 798 taken. Course of delivery sample 799 taken - genuine. Farmer cautioned.
						798	
						763	
						803	Genuine but below standard.
						916	Below standard in non-fatty solids. No addition of water therefore samples of genuine quality although below standard in non-fatty solids.
						917	
Cake Mixture	3	-	3	2	1	859	Infested by mites. Remaining stock destroyed.
Sponge Mixture	3	-	3	2	1	822	Mould infested and unfit for human consumption. Remaining stock destroyed.
Egg Substitute Powder	1	-	1	-	1	870	Deficient in available carbon dioxide to extent of 65.2%. Unable to obtain formal sample - stock withdrawn from sale.
Butter	6	-	6	6	-	-	-
Margarine	6	-	6	6	-	-	-
Lard	6	-	6	6	-	-	-
Tea	1	-	1	1	-	-	-
Cocoa	1	-	1	1	-	-	-
Coffee Essence	1	-	1	1	-	-	-
Bread	3	-	3	3	-	-	-
Sausage	4	-	4	4	-	-	-
Meat Loaf	2	-	2	2	-	-	-
Fish Cakes	8	-	8	8	-	-	-
Pickled Herring	3	-	3	3	-	-	-
Peas Pudding	2	-	2	2	-	-	-
Black Pudding	3	-	3	3	-	-	-
Sauce	4	-	4	4	-	-	-
Semolina & Creamola							
pudding Mix	5	-	5	5	-	-	-
Baking Powder	2	-	2	2	-	-	-
Cake Decorations	3	-	3	3	-	-	-
Chocolate Sponge Mix	1	-	1	1	-	-	-
Bun Flour	1	-	1	1	-	-	-
Salad dressing Powder	1	-	1	1	-	-	-
Sage & Onion Stuffing	2	-	2	2	-	-	-
Ice-cream	15	-	15	15	-	-	-
Lemonade	3	-	3	3	-	-	-
Beer	2	-	2	2	-	-	-
Herbs	1	-	1	1	-	-	-
Gelatine	1	-	1	1	-	-	-
Rum Flavouiring	1	-	1	1	-	-	-
Ginger Wine Essence	1	-	1	1	-	-	-
Culinary Essence	1	-	1	1	-	-	-
Camphorated Oil	1	-	1	1	-	-	-

NOTIFIED CASES OF INFECTIOUS DISEASE 1925 - 1946

DISEASE	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946
Smallpox	35	11	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chicken Pox	252	117	394	674	339	78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet Fever	254	242	138	136	95	130	164	91	189	467	375	177	180	221	82	48	73	249	155	121	131	88
Diphtheria (including Membraneous Group)	41	52	97	108	140	160	48	21	73	100	203	248	114	128	109	62	79	103	53	86	60	24
Erysipelas	27	26	19	31	31	42	28	20	28	49	35	37	36	60	27	17	18	22	23	20	15	10
Enteric Fever	2	-	4	1	39	25	17	2	29	4	9	3	2	2	10	3	12	-	-	-	-	-
Puerperal Fever	5	3	3	4	4	1	1	2	3	2	15	1	1	-	-	-	-	-	-	-	-	-
Puerperal Pyrexia	-	11	17	19	10	11	7	12	9	8	12	8	17	16	14	15	10	19	17	7	5	3
Cerebro-Spinal Meningitis	1	-	-	-	-	-	2	11	10	4	1	2	-	2	1	19	17	9	4	4	6	4
Poliomyelitis	-	-	-	1	2	-	-	1	2	-	-	-	-	5	-	-	2	1	-	-	1	-
Pulmonary Tuberculosis	89	104	113	99	81	105	100	83	84	74	76	104	111	66	79	86	95	97	94	120	87	97
Other forms of Tuberculosis	70	97	68	83	81	73	67	88	61	50	49	50	38	31	30	28	38	38	24	25	24	28
Ophthalmia Neonatorum	14	22	11	22	17	10	14	15	7	16	19	27	31	24	19	13	14	17	6	15	9	2
Measles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	473	1590	513	960	543	231	627
Encephalitis Lethargica	1	2	2	1	3	2	1	2	1	1	-	-	1	4	-	-	1	-	-	1	-	-
Polioencephalitis	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-
Dysentery	-	-	-	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	1
Malaria	-	-	-	1	-	-	1	-	1	1	-	-	-	1	-	-	-	-	-	-	-	4
Pneumonia	219	88	319	268	302	181	218	155	137	131	126	133	153	147	97	97	117	119	139	83	65	117
Acute Encephalitis	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping Cough	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	287	22	39	60	30	13
Suspected Food Poisoning	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Typhoid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	2

Measles Not Notifiable from 1920 until late 1939.

NOTIFIABLE DISEASES DURING THE YEAR
HOSPITAL TREATMENT

Disease	Total Cases Notified	No. of such cases treated in Hospital.	Total Deaths
Scarlet Fever	88	41	-
Diphtheria	24	23	1
Erysipelas	10	2	-
Puerperal Pyrexia	3	2	-
Ophthalmia Neonatorum	2	-	-
Measles	627	20	-
Dysentery	1	1	-
Malaria	4	4	-
Pneumonia	117	3	1
Whooping Cough	13	2	-
Typhoid	2	2	-
Meningitis	4	4	2

DISEASE	HOSPITAL					TOTAL
	Isolation Hospital	Howbeck Hospital	Grantully Maternity Home	Cameron Hospital	H'pools Hospital	
Scarlet Fever	41	-	-	-	-	41
Diphtheria	23	-	-	-	-	23
Erysipelas	2	-	-	-	-	2
Puerperal Pyrexia	2	-	1	-	-	3
Ophthalmia Neonatorum	-	-	-	-	-	-
Measles	20	(c) 2	-	-	-	20
Malaria	4	(b) 3	-	-	-	4
Pneumonia	3	-	-	-	-	3
Whooping Cough	2	(c) 1	-	-	-	2
Typhoid	2	-	-	-	1(a)	2
Meningitis	4	-	-	-	-	4

- (a) One case transferred from Hartlepoons Hospital to Isolation Hospital
(b) Three cases transferred from Howbeck to Isolation Hospital.
(c) Two cases transferred from Howbeck to Isolation Hospital.
(d) One case transferred from Howbeck to Isolation Hospital.

DISEASE	Cases			Vision Unimpaired	Vision Impaired	Total Blindness	DEATHS
	Notified	Treated					
		At Home	Hospital				
Ophthalmia Neonatorum	2	2	-				

DISEASE	At All Ages	CASES NOTIFIED IN WHOLE DISTRICT												WARD DISTRIBUTION OF CASES							No. of Cases Treated In Hospital	Total Deaths in the Borough	
		At Age Groups - Years												N'th	West	Park	S. West	S. East	Cen- tral	N. East			Sea- ton
		Un- Der 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 & up										
Scarlet Fever	88	-	1	2	9	4	35	26	8	-	3	-	-	11	11	11	11	8	6	6	24	41	-
Diphtheria	24	-	1	-	3	1	6	5	2	4	2	-	-	6	1	2	3	3	5	3	1	23	1
Erysipelas	10	-	-	-	-	-	-	-	-	2	3	5	-	2	1	3	-	-	-	2	2	2	-
Puerperal Pyrexia	3	-	-	-	-	-	-	-	-	3	-	-	-	1	-	1	-	1	-	-	-	2	-
Ophthalmia Neonatorum	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-
Measles	627	38	86	105	118	94	182	1	2	-	-	1	-	128	73	51	90	50	62	77	96	20	-
Dysentery	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	1	-
Malaria	4	-	-	-	-	-	-	-	-	3	1	-	-	4	-	-	-	-	-	-	-	4	-
Pneumonia	117	15	5	4	3	3	1	4	20	11	14	18	19	23	7	21	13	13	10	15	15	3	1
Whooping Cough	13	3	1	3	3	-	3	-	-	-	-	-	-	-	3	2	1	2	1	1	3	2	-
Typhoid	2	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	1	-	-	-	1	2	-
Meningitis	4	2	-	-	-	-	-	2	-	-	-	-	-	2	1	1	-	-	-	-	-	4	2
Pulmonary Tuberculosis	97	-	-	-	-	1	3	10	12	38	10	22	1	17	8	11	18	9	11	13	10	-	-
Non-Pulmonary Tuber- culosis	28	-	1	-	2	2	5	5	3	7	3	-	-	5	3	3	3	-	3	6	5	-	-
TOTAL	1020	60	95	114	138	105	235	53	47	69	37	47	20	199	108	107	140	86	99	124	157	104	4

APPENDIX 20

ALL NOTIFIED CASES OF TUBERCULOSIS 1946

AGE	LUNGS			ABDOMEN			MENINGES			JOINTS			SPINE			OTHER ORGANS			DISSEMINATED			ALL FORMS		
	M.	F.	Totals	M	F	Totals	M	F	Totals	M	F	Totals	M	F	Totals	M	F	Totals	M	F	Totals	M	F	Totals
Under 1																								
1 & under 2							1		1											1				1
2 - 3																								
3 - 4							1	1	2		1	1								1	2			3
4 - 5	1		1							1	1	1								1	1			2
5 - 10	3		3	1	1	2							1	1	1					4	2			6
10 - 15	1		1	1	1	1	3		3			2								6	1			7
15 - 20	9	12	21	1		1							2		2					12	12			24
20 - 25	10	8	18													1	1	2		2	2			4
25 - 35	6	14	20				1	1	1	1								1				7	16	23
35 - 45	6	4	10				1		1							1		1				8	4	12
45 - 55	11	5	16																			11	5	16
55 - 65	4	2	6																			4	2	6
Over 65	1		1																			1		1
TOTALS	52	45	97	3	1	4	6	2	8	2	3	5	2	1	3	2	2	4		2	2	69	56	125

TUBE CULOSIS - NEW CASES AND MORTALITY, 1946.

AGE PERIODS	NEW CASES				DEATHS			
	PULMONARY		NON-PULMONARY		PULMONARY		NON-PULMONARY	
	Male	Female	Male	Female	Male	Female	Male	Female
0	-	-	-	-	-	-	-	-
1 year	1	-	1	4	2	-	-	1
5 years	3	-	4	1	1	-	-	-
10 years	1	-	4	2	-	1	2	1
15 years	9	12	2	-	1	4	-	-
20 years	10	8	2	2	1	6	2	-
25 years	6	14	1	2	2	9	-	1
35 years	6	4	1	2	4	5	-	2
45 years	11	5	-	-	11	7	-	1
55 years	4	2	-	-	4	-	-	1
65 and upwards	1	-	-	-	-	-	1	-
TOTALS	52	45	15	13	26	32	5	7

APPENDIX 22.

TUBERCULOSIS - NUMBER OF CASES ON THE REGISTER ON 31ST DECEMBER 1946.

	PULMONARY		NON-PULMONARY			TOTAL CASES
Males	Females	Total	Males	Females	Total	
208	172	380	96	84	180	560

APPENDIX 21

TUBERCULOSIS - NEW CASES AND MORTALITY, 1946

AGE PERIODS	NEW CASES				DEATHS			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	Male	Female	Male	Female	Male	Female	Male	Female
0	-	-	-	-	-	-	-	-
1 year	1	-	1	4	-	-	1	1
5 years	3	-	4	1	1	-	-	-
10 years	1	-	4	2	-	1	2	1
15 years	9	12	2	-	1	4	1	-
20 years	10	8	2	2	1	7	2	1
25 years	6	14	1	2	3	8	-	-
35 years	6	4	1	2	6	4	-	1
45 years	11	5	-	-	7	5	-	1
55 years	4	2	-	-	4	1	-	-
65 and upwards	1	-	-	-	-	-	-	-
TOTALS	52	45	15	13	23	30	6	5

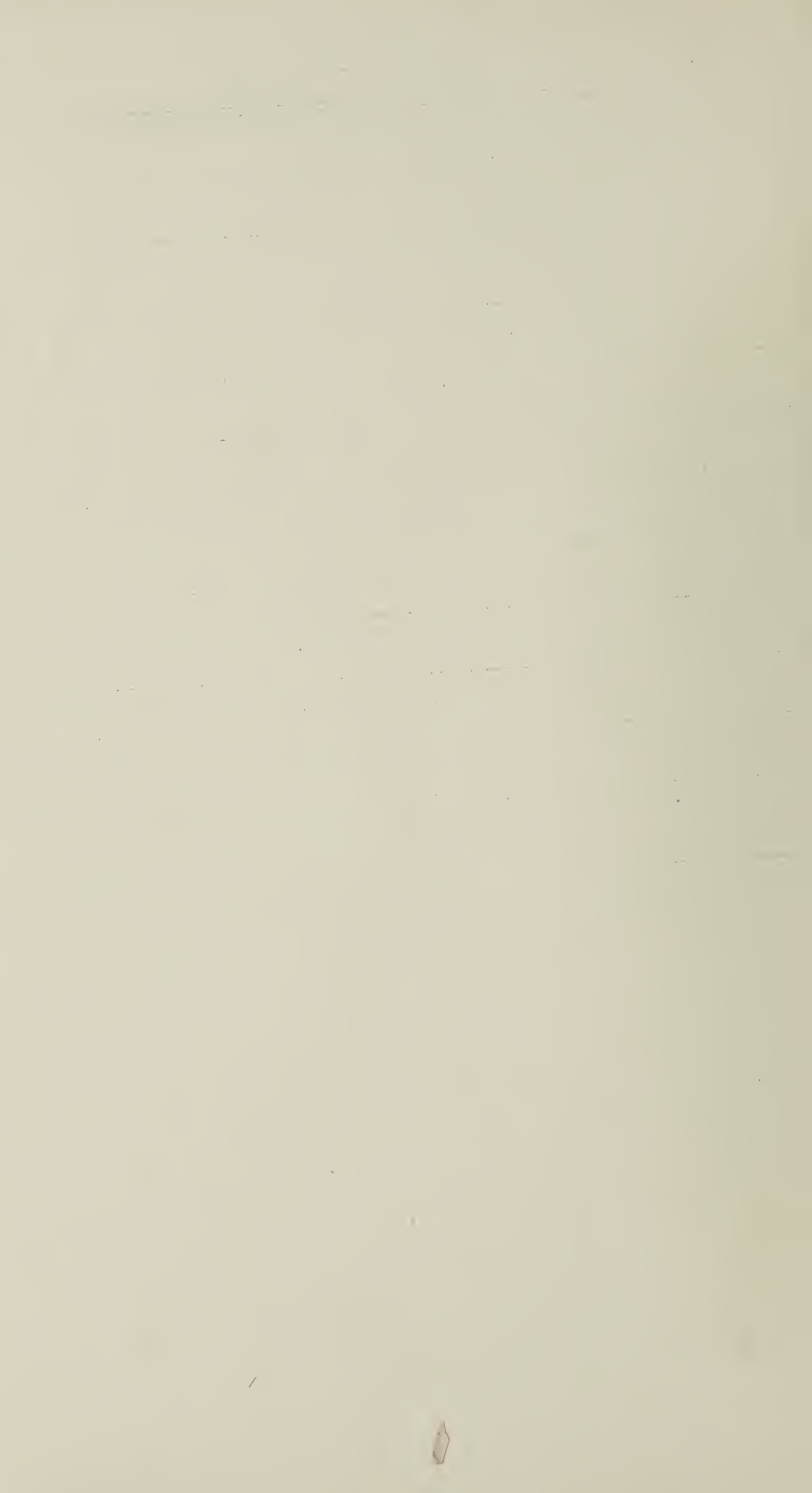
APPENDIX 22

TUBERCULOSIS - NUMBER OF CASES ON THE REGISTER ON 31ST DECEMBER 1946

	PULMONARY		NON-PULMONARY			TOTAL CASES
Males	Females	Total	Males	Females	Total	
208	172	380	96	84	180	560

APPENDIX 23DEATHS FROM TUBERCULOSIS
INTERVALS BETWEEN NOTIFICATION AND DEATHS

PERIOD	PARTS AFFECTED					TOTAL
	Lungs	Bones	Meninges	Abdominal	General	
Not notified	8	1	5	1	-	15
0 - 1 week	1	-	1	1	-	3
1 - 4 weeks	1	-	-	1	-	2
1 - 3 mths.	8	-	-	-	-	8
3 - 6 mths.	6	-	-	-	-	6
6 - 12 mths.	5	-	-	-	-	5
1 - 2 years	10	-	-	-	-	10
2 - 5 years	12	-	-	-	1	13
Over 5 years	7	-	-	-	1	8
TOTAL	58	1	6	3	2	70



APPENDIX 23DEATHS FROM TUBERCULOSISINTERVALS BETWEEN NOTIFICATION AND DEATHS

PERIOD	PARTS AFFECTED					TOTAL
	Lungs	Bones	Meninges	Abdominal	General	
Not notified	5	-	4	-	-	9
0 - 1 week	1	-	1	1	-	3
1 - 4 weeks	1	-	-	1	-	2
1 - 3 mths	8	-	-	-	-	8
3 - 6 mths	6	-	-	-	-	6
6 - 12 mths	5	-	-	-	-	5
1 - 2 years	10	-	-	-	-	10
2 - 5 years	12	-	-	-	1	13
Over 5 years	7	-	-	-	1	8
TOTAL	55	-	5	2	2	64

APPENDIX 24

HOWBECK HOSPITAL

TREATMENT OF SCABIES AND IMPETIGO

The following tables show in detail treatment given in respect of the above diseases.

IN-PATIENTS - (DAYS IN HOSPITAL)

DISEASE	0 - 5		5 - 16		16 Upwards		Total	
	M	F	M	F	M	F	M	F
SCABIES	69	101	101	147	24	152	194	400
IMPETIGO	191	165	194	229	78	76	463	470
SCABIES & IMPETIGO	1	34	46	-	-	-	47	34
TOTALS	261	300	341	376	102	228	704	904

OUT-PATIENTS - (ATTENDANCES)

DISEASE	0 - 5		5 - 16		16 Upwards		Total	
	M	F	M	F	M	F	M	F
SCABIES	163	199	455	153	8	280	626	632
IMPETIGO	18	-	14	-	-	-	32	-
SCABIES & IMPETIGO	7	21	179	177	-	6	186	204
TOTALS	188	220	648	330	8	286	844	836

TOTAL IN-PATIENTS DURING 1946139

TOTAL OUT-PATIENTS ATTENDING DURING 1946149

APPENDIX 25

BIRTH RATE, DEATH RATE, AND ANALYSIS OF MORTALITY 1946

	England & Wales	126 County Boroughs & Great Towns Including LONDON	148 Smaller Towns estimated resident population 25,000 to 40,000 Census 1931	London Admin- istra- tive County	West Hartle- pool.
<u>Rate per 1,000</u> <u>Total Population</u>					
Live Births	19.1	22.2	21.3	21.5	22.77
Still Births	0.53	0.67	0.59	0.54	0.79
<u>Annual Death</u> <u>Rate per 1,000</u>					
All Causes	11.5	12.7	11.7	12.7	12.10
Enteric Fever	0.00	0.00	0.00	0.00	0.00
Small pox	0.00	0.00	0.00	0.00	0.00
Measles	0.00	0.01	0.00	0.00	0.01
Scarlet Fever	0.00	0.00	0.00	0.00	0.00
Whooping Cough	0.02	0.02	0.02	0.02	0.00
Diphtheria	0.01	0.01	0.01	0.01	0.01
Influenza	0.15	0.13	0.14	0.12	0.02
<u>Rate per 1,000</u> <u>Live Births</u>					
Diarrhoea and Enteritis (un- der 2 years)	4.4	6.1	2.8	4.2	2.5
Total Deaths under 1 year	43	46	37	41	54

APPENDIX 26

FACTORY AND WORKSHOP ACT, 1901
FACTORIES ACT, 1937

INSPECTIONS FOR PURPOSES OF PROVISIONS AS TO HEALTH
INCLUDING INSPECTIONS MADE BY SANITARY INSPECTORS

Premises (1)	Number of		
	Inspections (2)	Written Notices (3)	Prosecutions (4)
Factories with mechanical power	91	6	-
Factories without mechanical power	26	2	-
Other premises under the Act, including works of building and engineering construction but not including outworkers' premises.	4	-	-
Total	121	8	-

DEFECTS FOUND

Particulars (1)	Number of Defects			No. of defects in respect of which prosecutions were instituted. (5)
	Found (2)	Remedied (3)	Referred to H.M. Inspector (4)	
Want of cleanliness	1	1	-	-
Overcrowding	-	-	-	-
Unreasonable temperature	-	-	-	-
Inadequate ventilation	-	-	-	-
Ineffective draining of floors	-	-	-	-
Sanitary Conveniences				
Insufficient	1	1	-	-
Unsuitable or defective	2	2	-	-
Not separate for sexes	1	1	-	-
Other offences (not including offences relating to Home Work or offences under the Sections mentioned in the Schedule to the Ministry of Health (F. & W. Transfer of Powers) Order 1921, and re-enacted in the Third Schedule to the Factories Act 1937).	4	4	-	-
TOTALS	9	9	-	-

